Docket No.: L&L-I0228

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant

**BIN YANG** 

Filed

CONCURRENTLY HEREWITH

Title

METHOD AND DEVICE FOR TRANSMITTING AND IDENTIFYING A MODULATION TYPE IN DIGITAL COMMUNICATION SYSTEMS BY WAY OF A PHASE

ROTATION FACTOR APPLIED TO A TRAINING SEQUENCE

## INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In accordance with 37 C.F.R. 1.98 copies of the following patents and/or publications are submitted herewith:

U.S. Patent No. 5,289,476 (Johnson et al.), dated February 22, 1994;

U.S. Patent No. 6,473,506 B1 (Höök et al.), dated October 29, 2002 and corresponding PCT WO 00/10301 (Höök et al.), dated February 24, 2000;

PCT WO 01/03397 A1 (Khullar et al.), dated January 11, 2001;

PCT WO 01/11790 A1 (Huttunen), dated February 15, 2001;

PCT WO 01/39449 A1 (Khullar et al.), dated May 31, 2001;

European Patent Application EP 0 413 153 A2 (Muto), dated February 20, 1991.

If no translation of pertinent portions of any foreign language patents or publications mentioned above is included with the aforementioned copies of those applications, patents and/or publications, it is because no existing translation is readily available to the applicant. As per the Notice in 1273 OG 55 (August 5, 2003) no copies of any above-mentioned U.S. patents and U.S. patent application publications are submitted for any application filed after June 30, 2003.

Respectfully submitted

LAURENCE A. GREENBERG REG. NO. 29,308

Date: November 12, 2003

Lerner and Greenberg, P.A. Post Office Box 2480 Hollywood, FL 33022-2480

Tel: (954) 925-1100 Fax: (954) 925-1101

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| U.S. DEPARTMENT OF COMMERCE   |          |              |                 | Attorney Docket No.: L&L-I0228 Appl. No.:         |       |              |   |              |
|---|----------|--------------|-----------------|---|-------|--------------|---|--------------|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT   |          |              |                 | Applicant: BIN YANG                               |       |              |   |              |
| (37 CFR 1.98(b))  |          |              |                 | Filing Date: November 12, 2003<br>Group Art Unit: |       |              |   |              |
|   |          |              |                 |   |       |              |   |              |
| EXAMINER INITIALS   |          | PATENT NO.   | DATE            | PATENTEE  | CLASS | SUB<br>CLASS | • | ING<br>ATE   |
|   | Α        | 5,289,476    | 2/22/94         | Johnson et al.                                    |       |              |   |              |
|   | В        | 6,473,506 B1 | 10/29/02        | Höök et al.                                       |       |              |   | -            |
|   | С        |              |                 |   |       |              |   |              |
|   | D        |              |                 |   |       |              |   |              |
|   | E        |              |                 |   |       |              |   |              |
|   | F        |              |                 |   |       |              |   |              |
|   | G        |              |                 |   |       |              |   |              |
|   | Н        |              |                 |   |       |              |   |              |
|   | 1        |              |                 |   |       |              |   |              |
| FOREIGN PATENT DOCUMENT   |          |              |                 |   |       |              |   |              |
|   | <u> </u> | DOCUMENT NO. | DATE            | COUNTRY   | CLASS | SUB          |   | NSL.<br>  NO |
|   | J        | 00/10301     | 2/24/00         | WIPO  |       |              |   |              |
|   | K        | 01/03397 A1  | 1/11/01         | WIPO  |       |              |   |              |
|   | L        | 01/11790 A1  | 2/15/01         | WIPO  |       |              |   |              |
|   | М        | 01/39449 A1  | 5/31/01         | WIPO  |       |              |   |              |
|   | N        | 0 413 153    | 2/20/91         | Europe  |       |              |   |              |
| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)  |          |              |                 |   |       |              |   |              |
|   |          |              |                 |   |       |              |   |              |
|   |          |              |                 |   |       |              |   |              |
| EXAMINER  |          |              | DATE CONSIDERED |   |       |              |   |              |
| EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |          |              |                 |   |       |              |   |              |